

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Cancelled)

2. (Currently Amended) A display method, comprising the steps of:

dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated;

wherein a number of the plurality of areas within the generated image data are proportional to the size of said non-image data so as to increase the number of the plurality of areas the display area is divided into when the size of the said non-image data is larger and to decrease the number of the plurality of areas the display area is divided into when the size of the said non-image data is smaller, and

wherein each pixel of the generated image is related to a specific character of the non-image data.

3. (Previously Presented) A displaying method according to claim 2, wherein a lightness or saturation of one or a plurality of pixels in each of said areas is modified by

obtaining unit data quantities of said non-image data as data values of red, green and blue dots of said one or a plurality of pixels in each of said areas.

4. (Currently Amended) A display method, comprising the steps of:

dividing a specific display of a display apparatus area into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,

wherein a number of plurality of areas within the generated image data are proportional to the size of said non-image data so as to increase the number of the plurality of areas the display area is divided into when the size of the said non-image data is larger and to decrease the number of the plurality of areas the display area is divided into when the size of the said non-image data is smaller, and

wherein each pixel of the generated image is related to a specific character of the non-image data.

5.-7. (Canceled)

8. (Previously Presented) A displaying method according to claim 2, wherein boundaries between the plurality of areas are blurred after a lightness or saturation of one or a plurality of pixels in each of said areas is changed.

9. (Currently Amended) A display method, comprising the steps of:
dividing a specific display of a display apparatus area into a plurality of areas as a function of a size of desired non-image data;
generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and
displaying the image generated,
wherein said non-image data is a text file, and
wherein at least a part of the contents of said text file is displayed in a form of text in such a manner as to be overlapped to image information,
wherein a number of plurality of areas within the generated image data are proportional to the size of said non-image data so as to increase the number of the plurality of areas the display area is divided into when the size of the said non-image data is larger and to decrease the number of the plurality of areas the display area is divided into when the size of the said non-image data is smaller, and
wherein each pixel of the generated image is related to a specific character of the non-image data.

10. (Canceled)

11. (Currently Amended) A displaying apparatus, comprising:
means for dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

means for generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting pixel data for each of the plurality of areas based on the non-image data;

means for displaying the image generated,

wherein a number of plurality of areas within the generated image data are proportional to the size of said non-image data so as to increase the number of the plurality of areas the display area is divided into when the size of the said non-image data is larger and to decrease the number of the plurality of areas the display area is divided into when the size of the said non-image data is smaller, and

wherein each pixel of the generated image is related to a specific character of the non-image data.

12. (Previously Presented) A displaying apparatus according to claim 11, wherein a lightness or saturation of one or a plurality of pixels in each of said areas is modified by obtaining unit data quantities of said non-image data as data values of red, green and blue dots of said one or a plurality of pixels in each of said areas.

13. (Currently Amended) A displaying apparatus, comprising:

means for dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

means for generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data;

means for displaying the image generated,
wherein a number of plurality of area is a function of a size of said non-image
data, and

wherein a number of plurality of areas within the generated image data are
proportional to the size of said non-image data so as to increase the number of the plurality of
areas the display area is divided into when the size of the said non-image data is larger and to
decrease the number of the plurality of areas the display area is divided into when the size of the
said non-image data is smaller, and

wherein each pixel of the generated image is related to a specific character of the
non-image data.

14.-16. (Canceled)

17. (Previously Presented) A displaying apparatus according to claim 11, wherein
boundaries among said areas are blurred after a lightness or saturation of one or a plurality of
pixels in each of said areas is changed.

18. (Currently Amended) A displaying apparatus, comprising:
means for dividing a specific display area of a display apparatus into a plurality of
areas as a function of a size of desired non-image data;
means for generating image data that is related to the desired non-image data and
comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas
based on the non-image data; and

means for displaying the image generated,
wherein said non-image data is a text file,
wherein at least a part of the contents of said text file is displayed in a form of text
in such a manner as to be overlapped to image information, and
wherein a number of plurality of areas within the generated image data are
proportional to the size of said non-image data so as to increase the number of the plurality of
areas the display area is divided into when the size of the said non-image data is larger and to
decrease the number of the plurality of areas the display area is divided into when the size of the
said non-image data is smaller, and
wherein each pixel of the generated image is related to a specific character of the
non-image data.

19. (Canceled)

20. (Currently Amended) A computer-readable medium for storing a program,
said program comprising the steps of:
dividing a specific display area of a display apparatus into a plurality of areas as a
function of a size of desired non-image data;
generating image data that is related to the desired non-image data and comprises
the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the
non-image data; and
displaying the image generated;

wherein a number of plurality of areas within the generated image data are proportional to the size of said non-image data so as to increase the number of the plurality of areas the display area is divided into when the size of the said non-image data is larger and to decrease the number of the plurality of areas the display area is divided into when the size of the said non-image data is smaller, and

wherein each pixel of the generated image is related to a specific character of the non-image data.

21. (Previously Presented) The program according to claim 20, wherein a lightness or saturation of one or a plurality of pixels in each of said areas is modified by obtaining unit data quantities of said non-image data as data values of red, green and blue dots of said one or a plurality of pixels in each of said areas.

22. (Currently Amended) A computer-readable medium for storing a program, said program comprising the steps of:

dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,

wherein the pixel data is proportional to a size of the non-image data,

wherein a number of plurality of areas is a function of a size of said non-image data, and

wherein a number of plurality of areas within the generated image data are proportional to the size of said non-image data so as to increase the number of the plurality of areas the display area is divided into when the size of the said non-image data is larger and to decrease the number of the plurality of areas the display area is divided into when the size of the said non-image data is smaller, and

wherein each pixel of the generated image is related to a specific character of the non-image data.

23-25. (Canceled)

26. (Previously Presented) The program according to claim 20, wherein boundaries between the plurality of areas are blurred after a lightness or saturation of one or a plurality of pixels in each of said areas is changed.

27. (Currently Amended) A computer-readable medium for storing a program, said program comprising the steps of:

dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,
wherein said non-image data is a text file,
wherein at least part of the contents of said text file is displayed in a form of text
in such a manner as to be overlapped to image information, and
wherein a number of plurality of areas within the generated image data are
proportional to the size of said non-image data so as to increase the number of the plurality of
areas the display area is divided into when the size of the said non-image data is larger and to
decrease the number of the plurality of areas the display area is divided into when the size of the
said non-image data is smaller, and
wherein each pixel of the generated image is related to a specific character of the
non-image data.

28. (Canceled)

29. (Currently Amended) A computer readable medium adapted to store a
program, the program, comprising the steps of:

dividing said specific display area into a plurality of areas as a function of a size
of desired non-image data;

generating image data that is related to the desired non-image data and comprises
the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the
non-image data; and

displaying the image generated,

wherein the pixel data is proportional to a size of the non-image data, and

wherein a number of plurality of areas within the generated image data are proportional to the size of said non-image data so as to increase the number of the plurality of areas the display area is divided into when the size of the said non-image data is larger and to decrease the number of the plurality of areas the display area is divided into when the size of the said non-image data is smaller, and

wherein each pixel of the generated image is related to a specific character of the non-image data.

30. (Previously Presented) The program according to claim 29, wherein a lightness or saturation of one or a plurality of pixels in each of plurality of areas is modified by obtaining unit data quantities of said non-image data as data values of red, green and blue dots of said one or a plurality of pixels in each of said areas.

31. (Currently Amended) A computer readable medium adapted to store a program, the program, comprising the steps of:

dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,

wherein the pixel data is proportional to a size of the non-image data,

wherein a number of plurality of areas is a function of a size of said non-image data, and

wherein a number of plurality of areas within the generated image data are proportional to the size of said non-image data so as to increase the number of the plurality of areas the display area is divided into when the size of the said non-image data is larger and to decrease the number of the plurality of areas the display area is divided into when the size of the said non-image data is smaller, and

wherein each pixel of the generated image is related to a specific character of the non-image data.

32-34. (Canceled)

35. (Previously Presented) The program according to claim 29, wherein boundaries between the plurality of areas are blurred after a lightness or saturation of one or a plurality of pixels in each of said areas is changed.

36. (Currently Amended) A computer readable medium adapted to store a program, the program, comprising the steps of:

dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,
wherein the pixel data is proportional to a size of the non-image data,
wherein said non-image data is a text file,
wherein at least part of the contents of said text file is displayed in the form of text
in such a manner as to be overlapped to said image information, and
wherein a number of plurality of areas within the generated image data are
proportional to the size of said non-image data so as to increase the number of the plurality of
areas the display area is divided into when the size of the said non-image data is larger and to
decrease the number of the plurality of areas the display area is divided into when the size of the
said non-image data is smaller, and
wherein each pixel of the generated image is related to a specific character of the
non-image data.

37. (Previously Presented) The display method according to claim 2, wherein a
size of an area of said plurality of areas is smaller than an area corresponding to a thumbnail
image.

38. (Canceled)